

Name : **SHAIK KHADAR SHARIF**

Designation: Associate Professor

Department: ECE

Mail ID: shaikkhadarsharif@vnrvjiet.in

Experience (in years): Teaching: 23 years Research: - Industry: 6 years



### 1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1.	B.E.	1991	ECE
2.	M.E.	2003	Systems and Signal Processing
3.	Ph.D.	pursuing	Signal and Image Processing

### 2. Teaching and Learning:

#### 2.1. Teaching Interests:

- Probability Theory and Stochastic Process
- Electronic Devices and Circuits
- Pulse and Digital Circuits
- Microwave Engineering
- Linear and Digital IC Applications
- Digital Image Processing
- Digital Signal Processing
- Circuit Theory

2.2. Novel Teaching & Learning Techniques adopted: PPT, NPTEL videos, WIT&WIL

2.3. Involvement in curriculum updating / Design: Yes, As a member of Board of Studies and as a member for C-16 curriculum change for diploma course, State Board of Technical

### 3. Co-curricular and Extra-Curricular Activities

#### 3.1. Interests and Hobbies:

1. Interested in improving the presentation skills
2. Reading News Papers and Books.

3.2. CCA/ECA Organized: Coordinated the induction program for 1<sup>st</sup> year students

3.3. CCA/ECA participated:

1. Member, Board of Studies, ECE department, VNRVJIET
2. Member, Disciplinary and Anti ragging committee of the Institute
3. Coordinator for Shadow Engineering at Institute level
4. Member, IQAC, VNRVJIET
5. Acted as Co-coordinator, JNTU Examination Spot valuation in VNRVJIET
6. Acted as a Steering Committee Member of NAAC at Institute level
7. Acted as a Steering Committee Member of NBA, from ECE Dept.
8. Acted as in-charge, EPABX maintenance in VNRVJIET

3.4. Counseling and Mentoring Activity: Mentor for ECE students

3.5. Committees involved in:

Department level: (i) Member, Board of Studies  
(ii) Budget committee  
(iii) NBA committee

Institute Level:

- Coordinator, Shadow Engineering Program
- Steering committee member, NAAC
- Steering committee member, NBA
- Member, IQAC
- Purchase Officer

#### 4. Conference / Workshop / Seminar / Guest Lectures:

4.1. Conducted: One day workshop on NBA accreditation

Three day TEQIP sponsored workshop on IoT

4.2. Attended:

- Attended a three weeks refresher course on Image Processing at JNTU, Hyderabad
- Attended One week short term program on PTSP at CVR engg. College
- Attended 3 days short term program on Teaching Methodology
- Attended 3 days HRD program for Senior Faculty members sponsored by AICTE at Indian Heritage Academy, Bangalore.
- Attended one week refresher course on MATLAB and its applications
- Attended one week refresher course on VLSI design and Embedded systems at JNTU
- Attended a two week Faculty enablement program at Infosys campus, Mysore
- Attended one week FDP on Matlab & Simulink at VNRVJiet
- Attended a three day workshop on SIGNAL AND IMAGE PROCESSING using LabVIEW at RVR & JC college of Engineering, Guntur, from 11<sup>th</sup> to 13<sup>th</sup> Nov 2013
- Attended a three day training Programme on “ETHICS IN GOVERNANCE” AT Dr. MCR HRD Institute of A.P., Hyderabad from 25<sup>th</sup> to 27<sup>th</sup> June 2014
- Attended a two week Faculty development program in “ LabVIEW– Design & Development” on 2<sup>nd</sup> -7<sup>th</sup> June and 14<sup>th</sup> -19<sup>th</sup> July, 2014 at VNRVJiet, Hyd.
- Attended one day workshop on High performance computing code modernization organized by C-DAC and Intel Corporation on 10<sup>th</sup> July, 2015 at VNRVJiet, Hyd.
- Attended 7<sup>th</sup> IEEE International Conference on Technology for Education (T4E) during 10<sup>th</sup> to 12<sup>th</sup> December 2015, organized by NIT, Warangal
- Attended one day workshop on 16<sup>th</sup> April, 2016 on Cloud Big Data Analysis with Microsoft Azure machine, organized by IEEE Hyderabad section, Hyd.
- Attended workshop on Digital Design through Arduino organized by IIT, Hyd., on 16<sup>th</sup> June 2016 at VNRVJiet, Hyd.
- Attended One Week Faculty Development Program on Signals and Stochastic Processes during 6<sup>th</sup> to 11<sup>th</sup> March, 2017, Organized by JNTUH and TASK of Telangana Govt.,
- Attended one Week
- Participated in a Five day FDP on “ Recent Communication Tools and its Application” from 19<sup>th</sup> to 23<sup>rd</sup> May, 2020 organized by SMEC, Hyderabad.
- Participated in a workshop on “Effective and Efficient Online Teaching in the age of Corona – A Hands on Workshop” on 16<sup>th</sup> May 2020 Jointly organized by PMMM NITT and IITB – CSE Dept.
- Participated in a Two weeks FDP “ MATLAB & Its application in AI & ML” from 19<sup>th</sup> to 26<sup>th</sup> May 2020 organized Jointly by NIT, Patna & EICT Academy.
- Participated in a One week National Level FDP on “ Modern Research Trends in Communication, Signal Processing and VLSI/MEMS” from 19<sup>th</sup> to 23<sup>rd</sup> May, 2020 organized by ALIET, Vijayawada.
- Participated and completed National Level ONE-WEEK FDP on "SCILAB-An Open Source Substitute for MATLAB " from 25<sup>th</sup> to 30<sup>th</sup> May 2020 Jointly organized by IIT, Bombay and JNTUHCES.

- Participated in a 5 days FDP on Principles of Modern RADAR from 3<sup>rd</sup> June to 7<sup>th</sup> June 2020 Organized by RISE Institutions
- Participated in a 3 days FDP on Under standing Signal Processing - As It is from 12<sup>th</sup> June to 14<sup>th</sup> June 2020 Organized by RISE Institutions
- Participated in a 7 days FDP on Introduction to Estimation Theory from 17<sup>th</sup> June to 23<sup>rd</sup> June 2020 Organized by RISE Institutions
- Participated in a 3 days FDP on Numerical Methods: Theory to Practice from 26<sup>th</sup> June to 28<sup>th</sup> June 2020 Organized by RISE Institutions
- Participated in a 5 days FDP on Embracing the Creative Side of Teaching and Learning Methods from 29<sup>th</sup> June to 3<sup>rd</sup> July 2020 organized by RMK college of Engineering and Technology, Chennai
- Participated in a 14 days FDP on Radar Signal Processing from 1<sup>st</sup> July to 14<sup>th</sup> July 2020 organized by RISE Institutions.
- Participated in a 6 day STTP on “Machine Learning and Deep Learning Models for Medical Domain Applications” from 19<sup>th</sup> to 24<sup>th</sup> October 2020 organized by Manipal Institute of Technology.
- AICTE sponsored two weeks FDP at JNTUH-Academic Staff college, Hyderabad on “ Probability and Random Variables” from 5<sup>th</sup> march to 6<sup>th</sup> march 2021.
- AICTE sponsored one week ATAL-FDP on “ Signal Processing and Machine Learning towards Engineering Applications” from 23<sup>rd</sup> to 27<sup>th</sup> Augus 2021.
- AICTE sponsored one week ATAL-FDP on “ Machine Learning in Medical Image Processing” from 5<sup>th</sup> to 9<sup>th</sup> September 2021.
- Participated in a 3 day FDP on MS Excel Essentials with Statistical Analysis for Academicians from 25<sup>th</sup> – 27<sup>th</sup> April, 2022

## **5. Academic Contribution and Research & Consultancy:**

### 5.1. Invited Lectures:

- IEEE Sponsored Three day National level workshop on “Outcome based Technical Education towards Achieving NBA/ABET Process” at Matrusri Engineering College, Saidabad, Hyderabad, on 8<sup>th</sup> Sep, 2017
- Expert Lecture on “Multiple Random Variables and Characteristics” on 14<sup>th</sup> March 2019 for a 3 week refresher course on “Systems and Signal Processing” at UGC Academic Staff College, JNTUH
- AICTE sponsored two weeks FDP at JNTUH-Academic Staff college, Hyderabad on “ Probability and Random Variables” from 5<sup>th</sup> march to 6<sup>th</sup> march 2021.

5.2. Articles/Chapters published in Books: - Nil-

5.3. Books published as single author or as editor: - Nil -

5.4. Projects Guided:

- UG: 35
- PG: 06

5.5. Research Interests: Signal and Image processing

5.6. Ph.D students:

- Enrolled:
- Submitted:
- Awarded:

5.7. Papers published in reviewed Journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Implementation of Human detection system using DM3730	International Journal of Science and Research(IJSR) Vol.3, Issue 11, Nov-2014, 2025-2029	2319-7064	4.438	International
2	FPGA Implementation of Five Port Network Router	International Journal of Engineering Development and Research(IJEDR) Vol. 1, Issue 3. Dec, 2013,	2321-9939	1.79	International
3	High Performance Conditional Push Pull Pulsed Latches Using Dual Stack Approach	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering(IJAREEIE)	2320-3765	5.016	International
4	Sign Language Recognition	International Journal of Engineering, Research & Technology	2278-0181 May 2020	7.87	International
5	LUNG Cancer detection using Deep Learning	International Journal of Advance Research and Innovative Ideas in Education(IJARIE)	Volume:8 Issue:3 2395-4396 June 2022	4.06	International

5.8. Papers presented at National / International Conferences/Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Low Power Conditional Push Pull Latches Using Dual Stack Approach	4th IEEE International Conference on Computing, Communication and Sensor Network, Kolkata	International ISBN:81-85824-46-0	24-25th December 2015
2	Design of Aging Aware Variable Latency Multiplier using Adaptive hold logic	7 <sup>th</sup> IEEE International Advance Computing Conference - 2017	International	5 <sup>th</sup> to 7 <sup>th</sup> 2017.
3	Object Detection and Tracking for Video surveillance	6 <sup>th</sup> international conference on inventive	International	Jan 2021

		Computation Technologies (ICICT2021)		
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5.9. Sponsored research Projects: - Nil -

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects: - Nil -

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

**6. Awards / Honors received:**

1. Successfully completed 12 week NPTEL Certificate - Online course on “Digital Image Processing” in the year 2018
2. Successfully completed 12 week NPTEL Certificate - Online course on “ Microwave Engineering” in the year 2020
3. Successfully completed 12 week NPTEL Certificate - Online course on “ Introduction to Machine Learning” in the year 2021

**7. Motto:** Commitment and Hardworking are the steps for the growth.